

CURRICULUM VITAE

Erik Magnus Ohman, MB, FRCPI, FESC, FACC

ADDRESS

Duke University Medical Center
8676A HAFS Building
Box 3126 DUMC
Durham, NC 27710
Tel: 919-681-2069
Fax: 919-681-6443

CURRENT POSITION

Professor of Medicine
Associate Director, Duke Heart Center – Ambulatory Care
Director, Program for Advanced Coronary Disease
Duke University Medical Center

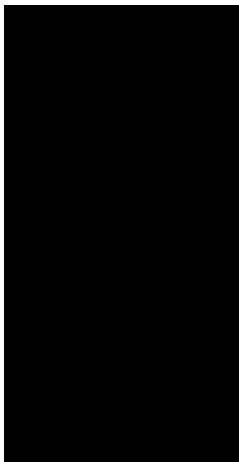
MEDICAL EDUCATION



Royal College of Surgeons of Ireland, Dublin 2, Ireland

St. Laurence's (Richmond) Hospital, Dublin 7, Ireland

PROFESSIONAL EXPERIENCE



Intern in Surgery and General Medicine, St. Laurence's Hospital, Dublin 7, Ireland

Resident in Medicine, St. Laurence's Hospital, Dublin 7, Ireland

Resident in Medicine, St. Vincent's Hospital, Dublin 4 and Nenagh County Hospital, Ireland

Research Fellow, Department of Cardiology and Department of Clinical Pharmacology, St. Laurence's Hospital, Dublin 7, Ireland

Fellow, Division of Cardiology, Duke University Medical Center, Durham, North Carolina

1991 - 1992

Cardiologist, Veterans Administration Hospital, Durham, North Carolina

1991 - 1993

Associate in Medicine, Division of Cardiology, Duke University Medical Center, Durham, North Carolina

1993 - 1997

Assistant Professor of Medicine, Division of Cardiology, Duke University Medical Center, Durham, North Carolina

1994 - 2001

Assistant Director, Duke Critical Care Transport Program, Duke University Medical Center, Durham, North Carolina

1997 - 1999

Associate Professor of Medicine, Division of Cardiology, Duke University Medical Center, Durham, North Carolina

1999 - 2001

Associate Professor of Medicine, with Tenure, Division of Cardiology, Duke University Medical Center, Durham, North Carolina

2001 - 2005

Professor of Medicine and Chief of Cardiology, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

2001 - 2005


Director of the UNC Heart Center, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

2005 – Present	Professor of Medicine Director, Program for Advanced Coronary Disease Director, Cardiology Outpatient Clinics Duke University Medical Center
2008 – Present	Associate Director, Duke Heart Center – Ambulatory Care

ACADEMIC APPOINTMENTS

1985 - 1987	Assistant Lecturer in Clinical Pharmacology, Royal College of Surgeons of Ireland, Dublin, Ireland
1986 - 1987	Secretary, Collegiate Members Committee of the Royal College of Physicians of Ireland, Dublin, Ireland
1988 - 1990	Andrew W. Mellon Foundation Scholar and Research Fellow, Duke University Medical Center, Durham, North Carolina
1990 – 1998	Coordinator of Clinical Trials in Interventional Cardiology, Duke University Medical Center, Durham, North Carolina
2001 – 2005	Adjunct Professor of Clinical Epidemiology, School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

CERTIFICATION AND DEGREES

	Licentiate of the Royal College of Physicians and Surgeons in Ireland (LRCP & SI)
	MB, BCh, BAO, National University of Ireland
	Medical Diploma, Royal College of Surgeons in Ireland
	Licentiate of the Royal College of Physicians in England (LRCP)
	Member of the Royal College of Surgeons in England (MRCS)
	ECFMG Examination
	U.S. Visa Qualifying Examination
	Member of the Royal College of Physicians in Ireland (MRCPI)
	Fellow of the Royal College of Physicians in Ireland (FRCPI)
	Fellow, European Society of Cardiology



Fellow, American College of Cardiology

AWARDS AND DISTINCTIONS

1981	Sheppard Prize - for best research paper by Junior Staff, St. Laurence's Hospital, Dublin, Ireland
1985	Sheppard Prize - for best research presentation by Junior Staff, St. Laurence's Hospital, Dublin, Ireland
1996	Visiting Professor - Cleveland Clinic Foundation, Cleveland, Ohio
1998	Visiting Professor, University Hospital, Uppsala, Sweden
1999	Visiting Professor, University of Florida, Gainesville, Florida
1999	Visiting Professor, University of Texas at Galveston, Galveston, Texas
2000	Visiting Professor, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts
2001	Visiting Professor, University of Michigan, Ann Arbor, Michigan
2001	Visiting Professor, Don Chapman Lecturer, Baylor College of Medicine, Houston, Texas
2003	Visiting Professor, Emory University School of Medicine, Atlanta, Georgia
2003	Visiting Professor, University of California-San Diego, San Diego, California
2003	Visiting Professor, University of Chicago, Chicago, Illinois
2005	John S. Graettinger, MD, Memorial Lecture, Rush University Medical Center, Chicago, Illinois
2008	Visiting Professor, Mt. Sinai Medical Center, New York, New York
2010	Visiting Professor, Case Western University, Cleveland, Ohio

INTERNATIONAL AWARDS

1985	Young Investigator's Travel Award - International Symposium on Sports Cardiology, Belgium
1985	Edith Walsh Award - British Medical Association, England

PROFESSIONAL SOCIETIES

1981 - 1987	Member, Irish Medical Association
1981 - 1987	Member, British Medical Association
1982 - Present	Fellow, Royal Society of Medicine
1984 - Present	Associate Member, Irish Cardiac Society
1984 - 1988	Collegiate Member, Royal College of Physicians of Ireland
1984 - 1992	Member, European Society of Cardiology
1991 - 1994	Affiliate Member, American College of Chest Physicians
1991 - 1993	Affiliate Member, American College of Cardiology
1994 - 1999	Fellow, American College of Chest Physicians (FCCP)
1996 - Present	Fellow, Society for Cardiac Angiography and Interventions (FSCAI)
2002 - Present	Member, Association of University Cardiologists

COMMITTEES

Institutional Committees

1992 - 1999	Department of Medicine representative on the Institutional Review Board, Duke University Medical Center
1993 - 2001	Member, Clinical Chemistry Advisory Board, Duke University Medical Center
1996 - 2001	Member, Point of Care Testing Committee, Duke University Medical Center
1997	Member, Ph.D. Dissertation Committee, Department of Biomedical Engineering, Duke University
1998 - Present	Member, Cardiovascular Faculty Advisory Board, Duke Clinical Research Institute
2001 - 2004	Member, Ph.D. Dissertation Committee, University of North Carolina at Chapel Hill School of Nursing

International or National Committees

American Heart Association

1998 - 2001	Member, Scientific Sessions Program Committee
2001 - 2002	Member, Acute Care Committee
2003 - 2005	Vice-Chair, Acute Care Committee
2003 - 2007	Member, Council of Clinical Cardiology
2005 - 2007	Chair, Acute Care Committee
2009 - Present	Member, Executive Database Steering Committee

American College of Cardiology

2003 - 2004	Member, American College of Cardiology Emergency Care Committee
2004 - 2008	ACC Representative on the AHA Acute Care Committee
2006- 2010	Steering Committee, National Cardiovascular Data Registry - CathPCI Registry
2007 - 2010	Member, Steering Committee, Acute Coronary Treatment and Intervention Outcomes Network (ACTION) Registry Steering Committee
2010 - Present	Member, Guidelines Oversight Committee

American College of Chest Physicians

1995	Member, 4 th Consensus Group on Anti-Thrombotic Therapy, American College of Chest Physicians
2001	Member, 6 ^h Consensus Group on Anti-Thrombotic Therapy, American College of Chest Physicians
2004	Member, 7 ^h Consensus Group on Anti-Thrombotic Therapy, American College of Chest Physicians

European Society of Cardiology

1995 - 1998	Member, Scientific Committee
2003 - Present	ESC Guidelines Writing Committee

Society of Cardiac Angiography and Interventions

1998 - 2001	Member, Ad Hoc Writing Committee for the Society for Cardiac Angiography and Interventions
2001 - 2003	Member, Board of Trustees

Executive / Steering Committees

1990 - 1993	Steering Committee Member and Regional Coordinator in the Southeast Region for the Global Utilization of Streptokinase and tPA for Occluded Coronary Arteries (GUSTO) Study
1993 - 1996	Steering Committee Member for the Global Use of Strategies to Open Occluded Arteries in Acute Coronary Syndromes (GUSTO-2) Study
1994 - 1996	Steering Committee Member for Platelet IIb/IIIa Antagonist for the Reduction of Acute Coronary Syndrome Events in a Global Organization Network (PARAGON) Trial
1995 - 1997	Steering Committee Member for Platelet IIb/IIIa in Unstable Angina: Receptor Suppression Using Integrilin Therapy (PURSUIT) Trial
1995 - 1997	Steering Committee Member for the Global Use of Strategies to Open Occluded Arteries in Acute Coronary Syndromes (GUSTO-III) Study
1996 - 1997	Principal Investigator for the Thrombolysis And Counterpulsation To Improve Cardiogenic shock Survival (TACTICS) Trial
1997 - 1999	Steering Committee Member for the Sibrafiban vs Aspirin to Yield Maximum Protection from Ischemic Heart Events Post-acute Coronary Syndromes (SYMPHONY) Trial
1997 - 2000	Operations and Steering Committee Member for the GUSTO-IV (Global Use of Strategies to Open Occluded Arteries in Acute Coronary Syndromes) Trial
2000 - 2001	Co-Principal Investigator for the Fibrinolytics and Aggrastat (tirofiban) in ST Elevation Resolution (FASTER) Trial

2001- 2006	Executive Co-Chairman of the Can Rapid Risk Stratification of Unstable Angina Patients Suppress Adverse Outcomes with Early Implementation of the American College of Cardiology/American Heart Association Guidelines (CRUSADE) National Quality Improvement Initiative
2002 - 2007	Co-Chairman and Principal Investigator for the Complication After Thrombocytopenia Caused by Heparin (CATCH) Registry
2003 - Present	Member, Scientific Council of the Reduction of Atherothrombosis for Continued Health (REACH) Registry
2006 - Present	Chairman, TaRgeted platelet Inhibition to cLarify the Optimal strateGy to medically manage Acute Coronary Syndromes (TRILOGY ACS) Trial
2007 - Present	Member, PROTECT II Steering Committee, a prospective, multi-center randomized controlled trial of the IMPELLA RECOVER LP 2.5 system vs. Intra-aortic Balloon Pump in Patients Undergoing Non-emergent High Risk PCI.
2008 - 2010	Member, Steering Committee, Best Expert Agreement for Care of Occult MI Nationally (BEACON)
2008 - Present	Member, Antiplatelet Therapies Steering Committee
2008 - Present	Principal Investigator, Counterpulsation to Reduce Infarct Size Pre-PCI for Acute Myocardial Infarction (CRISP AMI) Trial

Data And Safety Monitoring Boards

1990 - 1991	Member, for the Duke University Clinical Cardiology Studies (DUCCS-1; APSAC with or without Heparin)
1992 - 1993	Member, for the tPA-Heparin Duration Trial, St. Louis University, St. Louis
1993	Member, for the APSAC no Heparin tPA Heparin Reperfusion (ANOTHER) Trial, Duke University Medical Center
1993 - 1996	Chairman, for the Magnesium in Cardiac Arrest (MAGIC) Trial, Duke University Medical Center

1996	Member, for the Study of Microstents Ability to Limit Restenosis (SMART) Trial, Cardiovascular Data Analysis Center, Beth Israel Hospital, Boston, Massachusetts
1997 - 1998	Member, for the Vein Graft AngioJet™ Study Randomized (VeGAS 2) Trial, Cardiovascular Data Analysis Center, Beth Israel Hospital, Boston, Massachusetts
1998 - 1999	Chairman, for the Vasoflux International Trial for AMI Lysis (VITAL) Study
1998 - 2000	Chairman, for the Acolysis During Treatment of Lesions Affecting Saphenous Vein Bypass Grafts (ATLAS) Trial
2002- 2003	Member, for the TAXUS™ IV Trial
2003 - 2005	Chairman, for the TAXUS™ V Trial
2001 - 2004	Chairman, for the EP Technologies/Boston Scientific Cardiac Ablation for Sustained or Recurrent Type I Atrial Flutter using the EPT-1000 XP™ Cardiac Ablation System
2002 - 2004	Chairman, for the Acute Myocardial Infarction With Hyperoxemic Therapy (AMIHOT) Trial
2002 - 2004	Chairman, for the Xa Neutralization in Atherosclerotic Disease Understanding in Acute Coronary Syndromes (XaNADU ACS) Trial
2002 - 2004	Chairman, for the Symbiot Covered Stent System for the treatment of saphenous vein graft disease (SYMBIOT III) Trial
2001- 2004	Chairman, for the Cryoplasty Hyperplasia Inhibition Prevents Late Loss Feasibility (Pre-CHILL) Trial
2004 - 2006	Chairman, for the Trial of Routine Angioplasty and Stenting after Fibrinolysis to Enhance Reperfusion in Acute Myocardial Infarction (TRANSFER-AMI) Trial
2006 - 2009	Member, Cangrelor versus standard therapy to achieve optimal management of platelet inhibition (CHAMPION) PCI Trial
2007 - Present	Chairman, for the Prehospital Administration of Thrombolytic Therapy with Urgent Culprit Artery Revascularization (PATCAR) Trial

2008 - 2010	Member, for the GRAVITAS: Gauging Responsiveness with a VerifyNow Assay – Impact on Thrombosis and Safety
2008 - Present	Member, for the Maintenance of Platelet Inhibition with Cangrelor After Discontinuation of Thienopyridines in Patients Undergoing Surgery (BRIDGE) Trial
2010 - Present	Member, NIH Testosterone Trial
2010 - Present	Member, CHAMPION Trial
2011 - Present	Member, CHAMPION Phoenix

Other Committees

1986 - 1987	National Coordinator for the International Study of Infarct Survival (ISIS) Group of Ireland (jointly with Dr. John Horgan)
1989 - 1996	Investigator in the Bypass Angioplasty Revascularization Investigation (BARI) Study at Duke University Medical Center
1992 - 1993	Member, Fibrinolytic Therapy Trialist Collaborative Group, Oxford University, Oxford, England
1995	Member, Colloquium for Tailored Thrombolytic Therapy: Therapy for Individual Patients with Evolving Myocardial Infarction, Erasmus University, Rotterdam, The Netherlands
2002 - Present	Member, Association of University Cardiologists
2002 - 2003	Member, Association of Professors of Cardiology
2003 - 2005	Trustee, Association of Professors of Cardiology

U.S. GOVERNMENT ACTIVITIES:

National Institute of Health - Study Sections

1990	Consultant to the National Institute of Neurological Disorders and Stroke Study (NINDS)
2008 - Present	Member, Small Business Innovation Research, NIH Cardiovascular Sciences ZRG1 CVA-K 10 Study Section

2010 - Present Member, DSMB, NIH Testosterone Trial

Food and Drug Administration

2009 - Present Member, Circulatory System Devices Panel

EDITORIAL EXPERIENCE:

Associate Editor:

1996 - Present American Heart Journal
1997 - 2001 Cardiovascular Clinical Trials Forum
2000 Current Controlled Trials in Cardiovascular Medicine

Editorial Board Member:

1997 - Present American Journal of Cardiology
1999 - 2004 The Canadian Journal of Cardiology
1999 - 2006 Expert Opinion on Pharmacotherapy
1999 - 2003 Current Interventional Cardiology Reports
1999 - 2005 HeartDrug
2003 - 2009 European Heart Journal
2003 - 2006 Journal of Interventional Cardiology
2005 – Present Journal of the American College of Cardiology

Manuscript Reviewer:

Annals of Internal Medicine
American Journal of Cardiology
American Journal of Managed Care
American Heart Journal
British Medical Journal

Canadian Journal of Cardiology
Catheterization and Cardiovascular Diagnosis
Circulation
Coronary Artery Disease
Heart (formerly British Medical Journal)
Journal of the American College of Cardiology
Journal of the American Medical Association
Journal of Interventional Cardiology
Journal of Epidemiology
New England Journal of Medicine
Thrombosis and Haemostasis

LICENSURE:

Ireland - Full License 1982 - 1987
United Kingdom - Full License 1982, Overseas License 1987
U.S.A., North Carolina - July 20, 1991 [REDACTED]

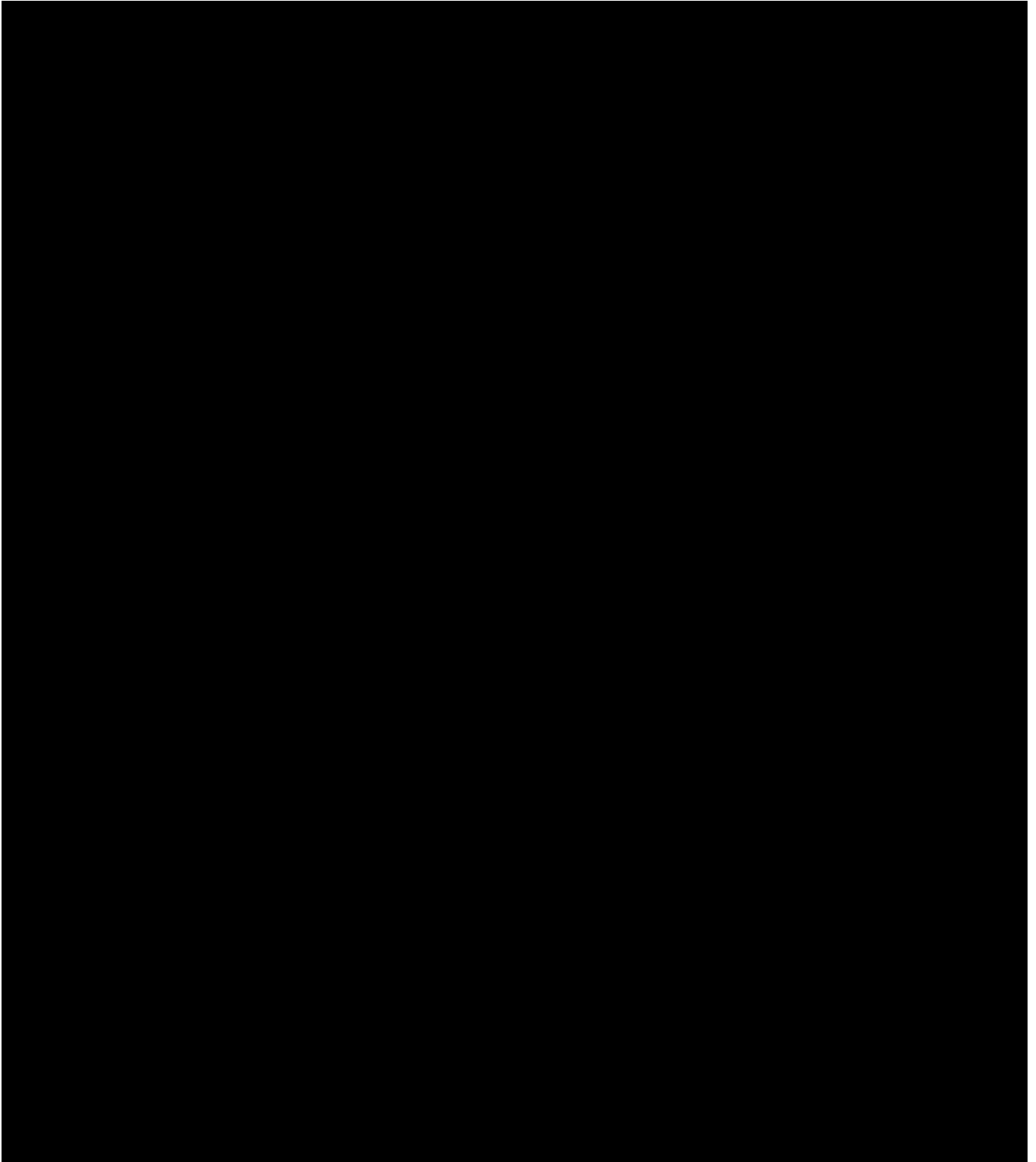
INVENTORSHIP:

U.S. Patent No. 5,246,001 (September 21, 1993) Method of assessing reperfusion after thrombolytic therapy

U.S. Patent No. 6,033,364 (March 7, 2000) Method of assessing reperfusion after thrombolytic therapy

U.S. Patent No. 6,662,114 (December 9, 2003) Methods for evaluating therapies and predicting clinical outcome related to coronary conditions

UNDERGRADUATE AND POST-GRADUATE RESEARCH PRECEPTORSHIP





ABSTRACTS

1. **Ohman EM**, Butler J, Fitzgerald D, Kelly J, Horgan J, O'Malley K. Beta-adrenoceptor changes following physical training. **Danish Medical Bulletin** 1983;30 (Suppl. 1):17.
2. **Ohman EM**, Butler J, Fitzgerald D, Kelly J, Horgan J, O'Malley K. Beta-adrenoceptor changes following physical training. **Irish Journal of Medical Science** 1984;153:288.f
3. **Ohman EM**, Teo KK, Johnson A, Collins P, Dowsett D, Ennis J, Horgan J. Cardiospecific creatine kinase after strenuous exercise in female athletes. **European Heart Journal** 1984;5 (Suppl. 1):170.
4. **Ohman EM**, Walsh T, Kelly J, O'Malley K. The effect of platelet contamination on beta-adrenoceptor binding assays in lymphocytes. **Irish Journal of Medical Science** 1985;154:478-479.
5. **Ohman EM**, Mulcahy D, Johnson A, Collins P, Horgan J. The value of acute-phase proteins in the detection of significant coronary-artery disease. **Acta Medica Scandinavica** 1986; (Suppl. 712):122.
6. **Ohman EM**, Teo KK, Johnson A, Collins P, Horgan J. A comparison of cardiospecific creatine kinase responses in female and male athletes after strenuous exercise. **Journal of The Irish Colleges of Physicians and Surgeons** 1986;15:94.
7. **Ohman EM**, Butler J, Kelly J, O'Malley K. Platelet alpha-2-adrenoceptor changes during acute exercise in man. **Acta Pharmacologica et Toxicologica** 1986:59 (Suppl. 5):53.
8. **Ohman EM**, Casey C, Tormey W, Horgan J. Analysis of early markers of myocardial infarction. **British Heart Journal** 1987;57:563-564.
9. Brady H, Kinirons M, Lynch T, **Ohman EM**, Horgan J. Comparison between maximal exercise treadmill testing and tournament squash in men over 45 years. **British Heart Journal** 1987;57:574.
10. Conlon P, Crowe B, **Ohman EM**, Horgan J. Cardiac rehabilitation: exercise response and major cardiac events. **European Heart Journal** 1987;8 (Suppl. 2):58.
11. Buggy D, Graham T, O'Callaghan D, **Ohman EM**, Horgan J. Attitude to illness after cardiac rehabilitation. **European Heart Journal** 1987;8 (Suppl. 2):162.
12. **Ohman EM**, Helmy S, Stern H, Adams D, Kisslo J. In-vitro relationship of jet flow with area by Doppler color flow: are there correlations? **Journal of American College of Cardiology** 1988;11 (Suppl. A):19A.
13. Lynch T, Kinirons M, O'Callaghan D, Ismail Suad, **Ohman EM**, Horgan J. Effect of serial tournament squash games on some cardiovascular and metabolic measurements. **British Heart Journal** 1988;59:99.

14. Muller DW, Ellis SG, Kline EM, **Ohman EM**, Sigmon KN, Califf RM, Topol EJ. Silent vs clinically overt reocclusion following successful thrombolysis for evolving myocardial infarction. **European Heart Journal** 1989;10(Abstr Suppl.):276.
15. **Ohman EM**, Sigmon K, Wall TC, Lee KL, Candela RJ. Why do people die after thrombolytic therapy? **Circulation** 1989;80 (Suppl. II):II-349.
16. **Ohman EM**, Nelson C, Kong YH, Peter RH, Bauman RP, Herndon JE. Characteristics and clinical consequences of reinfarction: benefits of aggressive reperfusion. **Circulation** 1989;80 (Suppl. II):II-479.
17. Christenson R, **Ohman EM**, Clemmensen P, Wagner GS. Creatine kinase MM3/MM1 and MB1/MB2 isoform ratios after reperfusion in patients with acute myocardial infarction. **Circulation** 1989;80 (Suppl. II):II-513.
18. Munster M, Bengtson J, Aronson L, **Ohman EM**. Long term ICU stay: benefit or burden. **Heart & Lung** 1990;19:310.
19. Chapman GD, O'Connor CM, Kereiakes DJ, George BS, Candela RJ, Abbottsmith CW, Harrelson L, **Ohman EM**. Consequences of misdiagnosis of acute myocardial infarction leading to thrombolytic therapy: a multicenter experience. **Journal of the American College of Cardiology** 1990;15 (Suppl. A):227A.
20. **Ohman EM**, Califf RM, Lee KL, Fortin DF, Frid DJ, Bengtson JR. Restenosis after angioplasty: overview of clinical trials using aspirin and omega-3 fatty acids. **Journal of the American College of Cardiology** 1990;15 (Suppl. A):88A.
21. Stack RS, Phillips HR, Quigley PJ, Tcheng JE, Bauman RP, **Ohman EM**, O'Neill WW, Galichia JT, Walker C. Multicenter registry of coronary atherectomy using the transluminal extraction-endarterectomy catheter. **Journal of the American College of Cardiology** 1990;15 (Suppl. A):196A.
22. Christenson RH, **Ohman EM**, Clemmensen P, Wagner G. Release of the tissue isoforms of creatine kinase, MM3 and MB2, is simultaneous after myocardial reperfusion. **Clinical Chemistry** 1990;36:1128.
23. Christenson RH, **Ohman EM**, Clemmensen P, Grande P, Wagner GS. Assay dependency for assessing creatine kinase-MB release after myocardial reperfusion. **Clinical Chemistry** 1990;36:1129.
24. Clemmensen P, **Ohman EM**, Sevilla D, Peck S, Wagner N, Lee KL, Grande P, Wagner G. Changes in standard electrocardiographic ST segment elevation predictive of successful reperfusion in evolving acute myocardial infarction. **European Heart Journal** 1990;11(Abstr Suppl.):411.
25. Nelson CL, Tcheng JE, Frid DJ, Fortin DF, **Ohman EM**, Califf RM, Stack RS. Incomplete angiographic follow-up results in significant underestimation of true restenosis rates after PTCA. **Circulation** 1990;82 (Suppl. III):III-312.

26. Gurbel PA, **Ohman EM**, Sawchak SR, Phillips HR, Peter RH, Kong Y, Stack RS. An alternative to rescue PTCA: intracoronary urokinase infusion by a new technique. **Circulation** 1990;82 (Suppl. III):III-190.
27. **Ohman EM**, Christenson RH, Sigmon KN, Flanagan CH, Frid DJ, Califf RM, for the TAMI Study Group. Non-invasive detection of reperfusion after thrombolysis using rapid CK-MB analysis. **Circulation** 1990;82 (Suppl. III):III-281.
28. Christenson RH, **Ohman EM**, Sigmon KN, Flanagan CH, and the TAMI Study Group. Release of the tissue specific MM-3 and MB-2 isoforms of creatine kinase is simultaneous during reperfusion after myocardial infarction. **Circulation** 1990;82 (Suppl. III):III-297.
29. Clemmensen P, **Ohman EM**, Sevilla D, Peck S, Wagner NB, Grande P, Wagner GS. Changes in standard electrocardiographic ST segment elevation predictive of successful reperfusion in evolving acute myocardial infarction. **Circulation** 1990;82 (Suppl. III):III-356.
30. **Ohman EM**, George BS, Kereiakes DJ, Samaha JK, Topol EJ, Berrios ED, Sigmon KN, Califf RM, for the TAMI Study Group. Event-free hospitalization after early and sustained patency using combination thrombolytic therapy in acute myocardial infarction. **Journal of the American College of Cardiology** 1991;17 (Suppl. A):187A.
31. **Ohman EM**, Sigmon KN, Samaha JK, Stack RS, George BS, Pickel A, Kereiakes DJ, Lee KL, Califf RM, for the TAMI Study Group. Prediction of reocclusion after successful reperfusion during acute myocardial infarction. **Journal of the American College of Cardiology** 1991;17 (Suppl. A):187A.
32. Christenson RH, **Ohman EM**, Sigmon KN and the TAMI Study Group. Use of creatine kinase-MB and the MB isoforms for non-invasively assessing reperfusion after thrombolytic therapy in acute myocardial infarction (AMI) patients. **Clinical Chemistry** 1991;37(6):913.
33. Clemmensen P, **Ohman EM**, Sevilla D, Wagner NB, Grande P, Wagner GS. Electrocardiographic estimation of global and regional function of acutely jeopardized myocardium. **European Heart Journal** 1991;12 (Abstr Suppl.):137.
34. Clemmensen P, Jurlander B, Grande P, **Ohman EM**, Wagner GS. Monitoring peak serum-myoglobin for non-invasive prediction of coronary reperfusion in patients. **Circulation** 1991;84 (Suppl. II):II-116.
35. Kleiman NS, **Ohman EM**, Kereiakes DJ, Ellis SG, Weisman HF, Topol EJ, for the TAMI 8 Investigators. Profound platelet inactivation with 7E3 shortly after thrombolytic therapy for acute myocardial infarction. **Circulation** 1991;84 (Suppl. II):II-522.

36. **Ohman EM**, Marquis JF, Ricci DR, Brown RIG, Knudtson ML, Kereiakes DJ, Samaha JK, Margolis JR, Niederman AL, Dean LJ, Gurbel PA, Sketch MH, Wildermann NM, Lee KL, Califf RC, for the PBC Study Group. Effect of gradual prolonged inflation during angioplasty on in-hospital and long-term outcome: results of a multicenter randomized trial. **Journal of the American College of Cardiology** 1992;19 (Suppl. A):33A.
37. Califf RM, Topol EJ, **Ohman EM**, Kereiakes DJ, George BS, Leimberger JD, Mark DB, Klinker KA, and the TAMI Study Group. Isolated recurrent ischemia after thrombolytic therapy is a frequent, important and expensive adverse clinical outcome. **Journal of the American College of Cardiology** 1992;19 (Suppl. A):301A.
38. Christenson RH, **Ohman EM**, Wall TC, Sigmon KN, Martin LH, Chapekis AT, Topol EJ, Califf RM, for the TAMI Study Group. Relationship between infarct related coronary artery flow after thrombolytic therapy and release of tissue specific isoforms of creatine kinase. **Journal of the American College of Cardiology** 1992;19 (Suppl. A):303A.
39. **Ohman EM**, Califf RM, Topol EJ, Leimberger JD, George B, Berrios ED, Anderson LC, Kereiakes DJ, Stack RS, and the TAMI Study Group. Aortic counterpulsation with thrombolysis for myocardial infarction: salutary effect on reocclusion of the infarct related artery. **Journal of the American College of Cardiology** 1992;19 (Suppl. A):381A.
40. Clemmensen P, **Ohman EM**, Sevilla D, Wagner NB, Grande P, Wagner GS. Should coronary reperfusion with TIMI 2 flow following thrombolysis be termed a therapeutic success or failure? **European Heart Journal** 1992;13 (Abstr Suppl.):187.
41. Hillegass WB, Mark DB, Jollis JG, **Ohman EM**, Pryor DB. Streptokinase therapy for acute myocardial infarction is cost-effective in the elderly. **Circulation** 1992;86 (Suppl.):I-40.
42. Granger CB, O'Connor CM, Bleich SD, Col JJ, Keeler GP, **Ohman EM**. An overview of the effect of intravenous heparin on clinical endpoints following thrombolytic therapy for acute myocardial infarction. **Circulation**. 1992;86 (Suppl.):I-259.
43. Kleiman NS, **Ohman EM**, Ellis SG, Aguirre FV, Weisman H, Schaible T. Infarct vessel patency is enhanced by profound platelet inhibition with fibrinogen receptor blockade with 7E3 in patients receiving thrombolysis for acute myocardial infarction. **Circulation** 1992;86 (Suppl.):I-260.
44. **Ohman EM**, Christenson RH, Granger CB, Berrios E, Worley S, O'Connor CM, Sigmon K, Lee K, Phillips HR. Non-invasive detection of reperfusion after thrombolysis based on clinical assessment and rapid CK-MB analysis. **Circulation** 1992;86 (Suppl.):I-268.

45. Granger CB, **Ohman EM**, Bates E. Pooled analysis of angiographic patency rates from thrombolytic therapy trials. **Circulation** 1992;86 (Suppl.):I- 269.
46. **Ohman EM**, Christenson RH, Califf RM, Krucoff MW, Sigmon K, Quintero K, George BS, Ellis SG, Topol, EJ. Clinical outcome based on a probability index for non-invasive detection of reperfusion. **Journal of the American College of Cardiology** 1993;21:197A.
47. Kereiakes DJ, Knudtson ML, **Ohman EM**, Broderick TM, Marquis J-F, Gurbel PA, Tchong JE, Owens P, Sketch MH. Prolonged dilation improves initial results during PTCA of complex coronary stenoses: Results from a randomized trial. **Journal of the American College of Cardiology** 1993;21:290A.
48. **Ohman EM**, Kelsey SF, Wisniewski SR, Lee KL, Alderman EL, Califf RM. Consistency of assessment of eligibility for multivessel revascularization by physician enrolling in the bypass angioplasty revascularization investigation. **Journal of the American College of Cardiology** 1993;21:339A.
49. **Ohman EM**, George BS, White CJ, Kern MJ, Gurbel PA, Freedman RJ, Lundergan C, Hartmann JR, Talley JD, Frey MJ, Taylor G, Leimberger JD, Owens PM. The use of aortic counterpulsation to improve sustained coronary artery patency during acute myocardial infarction: Results of a randomized trial. **Journal of the American College of Cardiology** 1993;21:397A.
50. Christenson RH, **Ohman EM**, Duh SH, Sigmon KN, Klinker KA, Vollmer RT, Wall TC. How well does time-to-peak enzyme concentration predict coronary patency after thrombolytic therapy? **Journal of the American College of Cardiology** 1993;21:398A.
51. **Ohman EM**, George B, White C, Kern M, Gurbel P, Freedman R, Lundergan C, Hartmann J, Talley D, Taylor G, Leimberger J, Owens P, Stack R, Califf R. The use of aortic counterpulsation to improve sustained coronary artery patency during acute myocardial infarction: results of a randomized trial. **European Heart Journal** 1993;14 (Abstr Suppl.):119.
52. Kleiman NS, White HD, **Ohman EM**, Topol EJ, for the GUSTO Investigators. Mortality 24 hours after thrombolysis in the GUSTO trial: Corroborating evidence for the importance of early reperfusion. **Circulation** 1993;88 (Suppl.):I-17.
53. **Ohman EM**, George BS, White CJ, Gurbel PA, Freedman RJ, Lundergan CF, Hartmann JR, Prince CR, Frey M, Taylor G, Leimberger JD, Stack RS, for the Randomized IABP Study Group. Reocclusion of the infarct-related artery after primary or rescue angioplasty: Effect of aortic counterpulsation. **Circulation** 1993;88 (Suppl.):I-107.
54. Miller J, Granger C, Bovill E, Krucoff M, Berrios E, Harrington R, **Ohman EM**, Califf RM. Rebound increase in thrombin activity after cessation of intravenous heparin. **Circulation** 1993;88 (Suppl.):I-202.

55. Christenson RH, **Ohman EM**, Sigmon KN, Berrios E, Alonsozana GL, Smith DD, Duh SH, Krucoff MW, for the TAMI Study Group. Use of myoglobin for noninvasively assessing coronary reperfusion. **Circulation** 1993;88 (Suppl.):I-258.
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2. Netter's Cardiology. Runge MS, **Ohman EM** (eds). Teterboro, NJ: Icon Learning Systems. 2004.
3. Hochman JM, **Ohman EM**. Cardiogenic Shock. Hoboken, NJ; John Wiley & Sons, Inc. 2009.

BOOK CHAPTERS

1. **Ohman EM**, Teo KK, Johnson AH, Collins PB, Horgan JH. Myocardial scintigraphy and cardiospecific creatine kinase responses in female and male athletes after strenuous exercise. In: Sports Cardiology; Exercise in Health and Cardiovascular Disease. Fagard R, Bekaert I (eds). Dordrecht: Martinus Nijhoff 1986:136-142.
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33. Crouch ED, Menon V, **Ohman EM**, Stone GW. Intravenous direct thrombin inhibition: acute coronary syndromes and heparin-induced thrombocytopenia. In: Therapeutic Strategies in Thrombosis. Kristensen SD, De Caterina R, Moliterno DJ (eds.). Oxford, England. Clinical Publishing. 2006:77-106.
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1. **Ohman EM**, Fitzsimons P, Butler F, Bouchier-Hayes D. High prevalence rate of asymptomatic abdominal aortic aneurysms in an Irish Population. In: What is new in angiology? Trends and Controversies. Maurer P, Becker H, Heidrich H, Goffman G, Kriessman A, Muller-Weifel H, Pratorius C (eds). Munchen: W. Zuckschwerdt 1986:9-10.
2. **Ohman EM**. Beta-adrenoceptor changes during physical training. *Perspective on Therapeutics in Northern Europe* 1987;51:5-6.
3. Califf RM, **Ohman EM**. Reocclusion after thrombolytic therapy and percutaneous transluminal coronary angioplasty. **Cardiac Assists** 1990; 5 (March): 1-6.
4. **Ohman EM**, Califf RM, Topol EJ, Stack RS, George BS, for the TAMI Study Group. Intra-aortic balloon pumping: benefits after thrombolytic therapy. **Cardiology Board Review**. 1991; 8:41-44, 53, 56.
5. Tcheng JE, **Ohman EM**, Stack RS, Califf RM. Restenosis after PTCA. **Choices in Cardiology** 1992;6:50-52.
6. Hillegass WB, **Ohman EM**. Clinical trials for preventing restenosis: what have we learned? **Choices in Cardiology** 1993;7:164-167.
7. Harrington RA, **Ohman EM**. Early reocclusion after thrombolytic therapy. **Cardio** 1993;26-35 (July).
8. **Ohman, EM**. Prospective study of intraaortic balloon pump (IABP) counterpulsation confirms significantly reduced incidence of reocclusion following acute MI. **Cardiac Assists** 1994;7:1-4.
9. **Ohman EM**. Trials in acute myocardial infarction. **The Journal of Myocardial Ischemia** 1994;6:24-31.
10. **Ohman EM**, Talley JD. Evaluation of the costs of intra-aortic balloon counterpulsation in acute myocardial infarction. **Cardiac Assists**. 1997. (In Press)
11. Christenson RH, Newby LK, **Ohman EM**. Cardiac markers in the assessment of acute coronary syndromes. **Maryland Medical Journal**. 1997; 46:18-24 (Suppl.).
12. Barsness GW, Harrington RA, Granger CB, Sketch MH, Jr., **Ohman EM**. Impact of adjunctive medical therapies on outcome after thrombolysis for acute myocardial infarction. **American Journal of Cardiology** 1997; Special Issue-CE Series Part 4; 15-23.
13. Alexander JH, **Ohman EM**, Harrington RA. Platelet GP IIb/IIIa inhibitors in acute MI: pathophysiology and clinical effects. **Acute Coronary Syndromes**. 1998;1:46-51.

14. **Ohman EM**, Kaplan AL. Glycoprotein IIb/IIIa receptor blockers in acute coronary syndromes: a new therapeutic horizon. **Current Practice of Medicine**. 1999;2:17-19.
15. **Ohman EM**. Troponin and other cardiac markers: role in management of acute coronary syndromes. **Australian and New Zealand Journal of Medicine**. 1999;29:436-443.
16. Kaplan AL, Goldmann B, **Ohman EM**. Combination fibrinolytic therapy and platelet glycoprotein IIb/IIIa receptor blockade in acute myocardial infarction: an emerging solution for reperfusion. **Journal of Emergency Medicine**. 1999; 17:589-595.
17. Cantor WJ, **Ohman EM**. Results of recent large myocardial infarction trials, adjunctive therapies, and acute myocardial infarction: Improving outcomes. **Cardiology in Review**. 1999;7:232-244.
18. **Ohman EM**, Williams PA, Armstrong PW, Katus HA, Hamm CW, Califf RM, Topol EJ. An early troponin T level predicts mortality after acute coronary ischemia. **Medical Updates on Therapy, Diagnosis, and Prevention**. 1999; 2:42-3.
19. Goldmann BU, Newby LK, **Ohman EM**. Cardiac markers for decision-making in acute ischemic syndromes. **ACC Current Journal Review**. 2000;9:43-45.
20. Kelly RV, Cohen MG, **Ohman EM**. Facilitated percutaneous intervention in acute myocardial infarction: attractive concept but difficult to prove! **American Heart Hospital Journal** 2004;2:211-222.

OTHER PUBLICATIONS

1. **Ohman EM**, Califf, RM, Topol, EJ. Cardiac troponins in acute coronary syndromes. **New England Journal of Medicine**. 1997;336:1258-1259.
2. **Ohman EM**, Califf RM, Topol EJ. Trials in myocardial infarction. **Circulation**. 1997;96:3814-5.
3. Barsness GW, Peterson ED, **Ohman EM**, Nelson CL, DeLong ER, Reves JG, Smith PK, Anderson RD, Jones RH, Mark DB, Califf, RM. Myocardial revascularization and survival in diabetes. **International Diabetes Monitor**. 1998;10:11-13.

SELECTED LECTURES:

1990

1. "TAMI-7 Results", Myocardial Reperfusion 1990 - Concepts and Controversies, The University of Michigan Satellite Course preceding the American College of Cardiology Annual Scientific Sessions, New Orleans, Louisiana, March 17, 1990.

1991

1. "U.S. Thrombolysis Through European Eyes", University of Oxford Medical School, Oxford, England, May 24, 1991.

1992

1. "Noninvasive Monitoring", Fifth Annual International Symposium on Myocardial Reperfusion: Concepts and Controversies, Cleveland Clinic Foundation, Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, Dallas, Texas, April 11, 1992.
2. "Early Diagnosis of Myocardial Infarction", Medical Grand Rounds, Victoria General Hospital, Victoria, British Columbia, Canada, June 17, 1992.
3. "The Open Infarct Artery Hypothesis", Cardiology Grand Rounds, Vancouver General Hospital, Vancouver, British Columbia, Canada, June 18, 1992.
4. "Intra-aortic Balloon Pumping To Preserve Infarct Angioplasty Patency", Eighth International Workshop on Thrombolysis and Interventional Therapy in Acute Myocardial Infarction, The George Washington University, Satellite Symposium preceding the American Heart Association Annual Scientific Sessions, New Orleans, Louisiana, November 15, 1992.
5. "The Open Artery Hypothesis: Evaluation of Strategies in Acute Myocardial Infarction", Cardiology Grand Rounds, University of Virginia, Charlottesville, Virginia, December 1, 1992.

1993

1. "The Role of Angioplasty in Acute Myocardial Infarction; Primary, Rescue or Adjunctive", Japanese Society for Interventional Cardiology, Tokyo, Japan, July 7, 1993.

2. "The Role of Mechanical Approaches to Acute Myocardial Infarction: Primary or Rescue PTCA and Adjunctive Therapies", Louisiana Chapter of the American College of Cardiology 4th Annual Meeting, New Orleans, Louisiana, October 23, 1993.
3. "Summary of Thrombolytic and Primary Angioplasty Trials." Cardiovascular Society of Arizona, Phoenix, Arizona, December 7, 1993.

1994

1. "Role of Intraaortic Balloon Pumping in the Management of Acute Myocardial Infarction", Cardiology Grand Rounds, University of Toronto, Toronto, Canada, January 11, 1994.
2. "Glycoprotein IIb/IIIa Receptor Blockade in Conjunction with Thrombolytic Therapy in Acute Myocardial Infarction", Myocardial Reperfusion: Concepts and Controversies, The Cleveland Clinic Foundation Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, Atlanta, Georgia, March 12, 1994.
3. "Future of Enzyme Measurements in Acute Coronary Syndromes", Co-chairman, Cardiac Troponin T for the Diagnosis of Myocardial Injury Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, Atlanta, Georgia, March 12, 1994.
4. "New Adjunctive Therapies with Thrombolytic Therapy in Acute Myocardial Infarction", Cardiology Grand Rounds, George Washington University, Washington, D.C., May 18, 1994.
5. "Utilização da Contrapulsacão em Infarto Agudo do Miocárdio - Experiência da Duke University", "Utilização do Balão Intra-Aórtico em Cardiologia Invasiva", In Cor, Sao Paulo, Brazil, July 18, 1994.
6. "Intraaortic Balloon Pumping in Acute Myocardial Infarction", "Primary Angioplasty in Acute Myocardial Infarction", "Adjunctive Antiplatelet/Antithrombin Agents in Connection with Thrombolysis in Acute Myocardial Infarction", Favalaro Institute, Buenos Aires, Argentina, July 21, 1994.
7. "Adjunctive Technologies to Improve the Outcome in Coronary Angioplasty", South Cleveland Hospital, Teeside, North Yorkshire, England, October 19, 1994.
8. "PTCA During Acute Myocardial Infarction", Sahlgrenska University Hospital, Gothenburg, Sweden, October 20, 1994.

9. "Thrombolytic Therapy for Acute Myocardial Ischemic Syndromes", American College of Chest Physicians 60th Annual International Scientific Assembly, New Orleans, Louisiana, November 3, 1994.
10. "Integrilin: Glycoprotein IIb/IIIa Receptor Blocker as a Conjoint to Thrombolytic Therapy in Acute Myocardial Infarction", Tenth International Workshop on Thrombolysis and Interventional Therapy in Acute Myocardial Infarction, The George Washington University, Satellite Symposium preceding the American Heart Association Annual Scientific Sessions, Dallas, Texas, November 13, 1994.
11. "Lytic Failures", Council on Clinical Cardiology, American Heart Association 67th Scientific Sessions, Dallas, Texas, November 14, 1994.

1995

1. "Current Experiences with Specific Platelet IIb-IIIa Receptor Blockers and Antithrombins: Antiplatelet Therapy in PTCA: Peptide GP IIb-IIIa Receptor Blockers", European Heart House, Sophia Antipolis, France, February 16-18, 1995.
2. "Troponin T in GUSTO-2: An Update: Ischemic Heart Disease: Biochemical Markers in Risk and Outcomes Assessment", Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, New Orleans, Louisiana, Saturday, March 18, 1995.
3. "Intra-aortic Balloon Counterpulsation", New Frontiers in the Treatment of Cardiogenic Shock Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, New Orleans, Louisiana, Saturday, March 18, 1995.
4. "Mechanical Adjuncts to Reperfusion: Which Patients are Helped?", "New Antithrombotic Agents: Are They Necessary?" Challenges in Cardiovascular Case Management 1995 Update, Hamilton, Bermuda, May 4-6, 1995.
5. "Circulatory Assistance in the Patient with Critical Hemodynamic Disturbances", International Symposium on Cardiological Intensive Care '95, Venice, Italy, May 16, 1995.
6. "Use of Intra-aortic Balloon Pump and Primary Angioplasty" The Society for Cardiac Angiography and Interventions 18th Annual Meeting and Melvin P. Judkins Cardiac Imaging Symposium, Orlando, Florida, May 19, 1995.
7. "The Management of Shock During AMI", Acute Interventional Cardiology Symposia, Cardiology Center University Hospital, Geneva, Switzerland, June 27, 1995.

8. "Early Non-invasive Diagnosis of Failed Reperfusion Therapy" XVIIth Congress of the European Society of Cardiology, Amsterdam, The Netherlands, August 21, 1995.
9. "When and Why Thrombolytics", "The Best Moment to Approach Unstable Angina: Is It Really Better to Wait?", "Primary Angioplasty in Acute Myocardial Infarction", "Acute Myocardial Infarction: Identification and Management of High Risk Patients", "Rescue Angioplasty and Utilization of Mechanical Assistance Devices as Adjunctive to Angioplasty in AMI" XXII Congress of the Argentinean Society of Cardiology, Buenos Aires, Argentina, September 27-29, 1995.
10. "Troponin T Testing: A Practical Method for Risk and Outcomes Assessment", Satellite Symposium, American Heart Association Annual Scientific Sessions, Anaheim, California, November 14, 1995.
11. "Role of Primary Angioplasty in the Management of Acute Myocardial Infarction", "The IMPACT AMI Study and Discussion of Methodological Issues in This and Other Related Trials", "Acute Ischemic Syndromes: the Continuum from Unstable Angina to Acute Myocardial Infarction-Current Issues in Management", Hamilton General Hospital, Toronto, Canada, December 12, 1995.

1996

1. "Novel Anti-Thrombotic Therapies in AMI and PTCA", Brigham and Women's Hospital Cardiovascular Grand Rounds, Boston, Massachusetts, February 29, 1996.
2. "New Antithrombin Therapies: How to Perform Clinical Trials to Answer the Right Questions", Cardiology Basic Science Conference, "The Role of IABP in Acute MI", Cardiology Grand Rounds, St. Luke's Episcopal Hospital/The Texas Heart Institute, Houston, Texas, March 1, 1996.
3. "Troponin - Prediction of Outcome", "Myocardial Reperfusion and Acute Coronary Syndromes: GUSTO II and Beyond", Ninth Annual International Symposium, Cleveland Clinic, Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, Orlando, Florida, Saturday, March 23, 1996.
4. "Importância do emprego do BIA nos resultados de Angioplastia Coronária no Infarto Agudo do Miocárdio", "Experiência global com a contrapulsção na Duke University", "Conduitas nas complicações", "Critérios e estratégias de desmame", Rio de Janeiro, Brazil, June 16-18, 1996.

5. "New Cardiac Markers for Risk Stratification", Cardiology Grand Rounds, Cleveland Clinic Foundation, Cleveland, Ohio, October 11, 1996.
6. "The Role of Novel Enzymatic Markers: Point of Care and Beyond", Canadian Cardiovascular Society Satellite Symposium, Montreal, Quebec, Canada, October 29, 1996.
7. "The PRIME Trial: Efgatran in Acute Myocardial Infarction", Twelfth International Workshop on Thrombolysis and Interventional Therapy in Acute Myocardial Infarction, The George Washington University, preceding the 69th Annual American Heart Association Scientific Sessions, New Orleans, Louisiana, November 9, 1996.
8. "New Insights on Risk Stratification: Troponin and ST-Segment Monitoring", AMI Symposium, Reperfusion 1996: From Crisis to Lysis to Survival, Cleveland Clinic, preceding the 69th Annual American Heart Association Scientific Sessions, New Orleans, Louisiana, November 9, 1996.

1997

1. "GUSTO-III (Reteplase vs. Alteplase) Rationale and Design", The Cleveland Clinic Foundation, 10th Annual Myocardial Reperfusion: Concepts and Controversies, Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions Anaheim, California, March 15, 1997.
2. "Issues in Risk Stratification of Patients with Acute Ischemic Coronary Syndromes", "Reassessing Current Treatment Algorithms in the Management of Acute Ischemic Coronary Syndromes: The Role of Emerging Therapeutic Options", Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, Anaheim, California, March 15, 1997.
3. "Comparison of Troponin I and T for Risk Stratification in Patients with Acute Coronary Syndrome", "GUSTO Trials: Value of Near Patient Testing in Optimizing Anticoagulation Management", "Prognostic Markers in Acute Myocardial Infarction: Results from the International GUSTO Trials", "The Management of Acute Myocardial Infarction: Results from the International GUSTO Trials", Sukaman Lecture, The 11th Asian Congress of Cardiology, Jakarta, Indonesia, July 8-10, 1997.
4. "Prognostic Values of Troponin T in Patients Presenting with ACS", College of Physicians, Manila, Philippines, July 11, 1997.

5. "A Cardiologist's Perspective: Utilization of Biochemical Markers in the Context of Acute Coronary Syndromes", the 49th Annual American Association for Clinical Chemistry (AACC) Meeting, Atlanta, Georgia, July 24, 1997.
6. "Platelet Inhibition in Acute Myocardial Infarction: Role of GP IIb/IIIa Inhibitors", "Role of PTCA in Acute Myocardial Infarction", "Is Primary Angioplasty the Strategy of Choice?" Second Meeting of the Latin American Society for Interventional Cardiology (SOLACI), Buenos Aires, Argentina, July 31-August 1, 1997.
7. "Update on Thrombolysis in Acute Coronary Syndromes", Cardiac Society of Australia and New Zealand 45th Annual Scientific Meeting, Melbourne, Australia, August 9, 1997.
8. "Balloon Pumping in Acute MI - Extravagance or Essential?" Cardiac Society of Australia and New Zealand 45th Annual Scientific Meeting, Melbourne, Australia, August 9, 1997.
9. "Recent Trends in Acute Myocardial Infarction", Cardiac Society of Australia and New Zealand 45th Annual Scientific Meeting, Melbourne, Australia, August 9, 1997.
10. "Troponin/Other Enzymes-Role in Management?" Heart and Blood Vessels in Health and Disease, Satellite Symposium, Australian Society of Cardiology, Hobart, Australia, August 13-15, 1997.
11. "Monitoring Anticoagulation Treatment with a Bedside Meter After Acute Myocardial Infarction: The GUSTO Experience", XIXth Congress of the European Society of Cardiology, Stockholm, Sweden, August 24, 1997.
12. "Re-stratification in Acute Coronary Syndromes: Do We Need the Troponin Markers?" Cardiology Core Lecture; "GUSTO III: Results and Key Substudy Analysis", Cardiology Grand Rounds, University of Texas Medical School, Houston, Texas, September 4, 1997.
13. "The Continuum of Care in Rapid AMI Management: Minimizing Time to Treatment/Maximizing Favorable Outcome", Co-Chairman, Satellite Symposium preceding the 70th Annual American Heart Association Scientific Sessions, Orlando, Florida, November 8, 1997.
14. "Prognostic Value of Whole-Blood Qualitative Troponin T Testing in Patients with Acute Myocardial Infarction in the GUSTO-III Trial," 70th American Heart Association Annual Scientific Sessions, Orlando, Florida, November 10, 1997.

1998

1. "New Treatment Strategies in Acute Myocardial Infarction with Special Reference to IIb/IIIa Blockade", "Antithrombotic Strategies in Acute Coronary Syndromes, Uppsala, Sweden, March 5, 1998.
2. "GUSTO 4 Pilot", The Cleveland Clinic Foundation, 11th Annual Myocardial Reperfusion: Concepts and Controversies, Satellite Symposium preceding the American College of Cardiology Annual Scientific Sessions, Atlanta, Georgia, March 28, 1998.
3. "Is There a Value with Revascularization in Patients with Coronary Artery Disease?" Cardiology Research Rounds, Sunnybrook Hospital, Toronto, Canada, April 7, 1998.
4. "Risk Stratification in Acute Coronary Syndromes: Evaluation of New Approaches" Medical Grand Rounds, Sunnybrook Hospital, Toronto, Canada, April 7, 1998.
5. "Bypass Surgery and Angioplasty in Diabetes", The Cardiac Society of Australia and New Zealand, Christchurch, New Zealand, May 17, 1998;
6. "IIb/IIIa Receptor Antagonists: Magic Bullets Coming Over the Horizon" The Cardiac Society of Australia and New Zealand, Queenstown, New Zealand, May 19, 1998.
7. "Troponin T as a Prognosis Indicator/EPISTENT Results", Green Lane Hospital, Auckland, New Zealand, May 21, 1998.
8. "Use of GP IIb/IIIa Inhibitors in ST Elevation Patients-The Interventional Approach: GUSTO IV Pilot (SPEED) Results", "Need Of Cardiac Markers For Management Of Chest Pain Patients - the GUSTO Lessons", XXth Congress of the European Society of Cardiology, Vienna, Austria, August 22, 1998.
9. "Troponins (I and T) in ACS", International Cardiology Forum, 2nd International Meeting, Cannes, France, September 18, 1998.
10. "Cardiogenic Shock: IABP and Acute Revascularization", International Summit on Acute Coronary Care, European Society of Cardiology, Treviso, Italy, September 18, 1998.
11. "The Reality of Combination Therapy with Fibrinolytics and Platelet Glycoprotein IIb/IIIa Receptor Inhibitors: Experience from the SPEED and TIMI 14 Trials", What Emergency Physicians Need to Know, American College of Emergency Physicians Symposium, San Diego, California, October 11, 1998.
12. "Acute Coronary Syndromes: Algorithm for Triage and Risk Stratification", Antiplatelet Strategies for Empiric Management of Acute Coronary Syndromes, Satellite Symposium preceding the American Heart Association Annual Scientific Sessions, Dallas, Texas, November 7, 1998.

13. "Pharmacodynamic Considerations in Evaluating the GP IIb/IIIa Inhibitors", Glycoprotein (GP) IIb/IIIa Inhibitors in the Management of Acute Coronary Syndromes: A New Standard of Care, Satellite Symposium preceding the American Heart Association Annual Scientific Sessions, Dallas, Texas, November 8, 1998.
14. "Using Cardiac Markers for Admission and Discharge Decisions", 71st Annual Scientific Sessions of the American Heart Association, Dallas, Texas, Plenary Session III, November 9, 1998.

1999

1. "Which New Fibrinolytic Agents or Which Association with Antithrombotic Drugs?" Fourth International Fibrinogen Symposium, Paris, France, February 5, 1999.
2. "Mission Possible: GP IIb/IIIa Inhibition for Acute Myocardial Infarction", Chairman of Satellite Symposium preceding the American College of Cardiology 48th Annual Scientific Sessions, New Orleans, Louisiana, March 6, 1999.
3. "Role of GP IIb/IIIa Blockade in PTCA and in the Management of Acute Coronary Syndrome" Clinical Application of GP IIb/IIIa Blockade in CAD, Taipei, Taiwan, March 19-21, 1999.
4. "Risk Stratification and Treatment of Acute Coronary Syndromes", Emory University, Atlanta, Georgia, May 23, 1999.
5. "Risk Stratification in Ischemic Heart Disease", Medical Grand Rounds, University of Florida, Gainesville, Florida, July 15, 1999.
6. "New Reperfusion Therapies for Acute Myocardial Infarction", Cardiology Grand Rounds, University of Florida, Gainesville, Florida, July 16, 1999.
7. "The Future of Biochemical Markers for Managing the Acute Coronary Syndrome Patient", American Association for Clinical Chemistry 51st Annual Meeting, New Orleans, Louisiana, July 26, 1999.
8. "Advances in Interventional Cardiology – Coronary Brachytherapy: Is it a Cure for Restenosis?", Satellite Symposium preceding the 72nd Annual American Heart Association Scientific Sessions, Atlanta, Georgia, November 6, 1999.
9. "Indirect Thrombin Inhibitors and the LMW Heparins", Satellite Symposium preceding the 72nd Annual American Heart Association Scientific Sessions, Atlanta, Georgia, November 6, 1999.

10. "Coronary Revascularization in Diabetics with Chronic Angina", Satellite Symposium preceding the 72nd Annual American Heart Association Scientific Sessions, Atlanta, Georgia, November 6, 1999.
11. "Uncovering the Benefits of Facilitated PCI: Promoting Lysis-PCI and Lysis Plus GP IIb/IIIa-PCI Compatibility", "International Differences in Treatment Outcome in Acute Coronary Syndromes." 72nd Annual American Heart Association Scientific Sessions, Atlanta, Georgia, November 7-8, 1999.
12. "Role of Glycoprotein IIb/IIIa Receptors Blocking Agents in Patients Receiving Interventional Percutaneous Procedures", "New Cardiac Markers For Risk Stratification in Acute Coronary Syndromes", "Future of Interventional Cardiology", "Ideal Antithrombotic Management In Acute Coronary Syndromes", 15th Congreso Uruguayo de Cardiologia, Montevideo, Uruguay, December 5-6, 1999.

2000

1. "Combination Strategies with Low-Dose Fibrinolytics and GP IIb/IIIa Receptor Inhibitors: Theory and Practice", Satellite Symposium preceding the American College of Cardiology 49th Annual Scientific Sessions, Anaheim, California, March 11, 2000.
2. "Current State of Management of ACS", ACS Town Hall Meeting, Satellite Symposium preceding the American College of Cardiology 49th Annual Scientific Sessions, Anaheim, California, March 11, 2000.
3. "The Pathophysiology and Management of Non Q-Wave Myocardial Infarction and Implications of Clinical Trials", State of the Art Lecture, Clinical Cardiology Symposium, American College of Cardiology 49th Annual Scientific Sessions, Anaheim, California, March 12, 2000.
4. "Can We Extend the Reperfusion Horizon? Exploring Facilitated PCI on a Lysis / GP IIb/IIIa Platform", Evolving Trends in Fibrinolytic and Interventional Therapy in AMI, American College of Cardiology Conference at Lake Louise, Alberta, Canada, March 25, 2000.
5. "The Role of IIb/IIIa Blockers in the Treatment of Acute MI", "Current Status and Clinical Efficacy of Intravenous and Oral IIb/IIIa Receptor Blockers", American College of Cardiology Conference, 16th Cardiovascular Conference at Lake Louise, Alberta, Canada, March 26-27, 2000.
6. "New Directions in the Treatment of Unstable Angina and Non Q-Wave Myocardial Infarction", Medical Grand Rounds, Henry Ford Hospital, Detroit, Michigan, April 20, 2000.

7. "Medical Therapy for Unstable Angina: GUSTO IV ACS Results", Symposium at the European Society of Cardiology, Amsterdam, The Netherlands, August 29, 2000.
8. "The Value of IABP in Patients with Acute Myocardial Infarction and Cardiogenic Shock", 1st World Conference on Intraaortic Balloon Counterpulsation, Athens, Greece, September 1, 2000.
9. "Unstable Angina and Non-ST Segment Elevation MI", Acute Coronary Syndromes: Triage, Diagnosis, and Therapy, Johns Hopkins University School of Medicine, Baltimore, Maryland, September 16, 2000.
10. "Current Perspective of GP IIb/IIIa Inhibitors in the Treatment of Acute Coronary Syndromes", Third Coimbra International Meeting on Cardiovascular Diseases Acute Coronary Syndromes, Coimbra, Portugal, October 14, 2000.
11. "GP IIb/IIIa in Acute Coronary Syndromes", Acute Coronary Syndromes – NICE Review and Clinical Update, Manchester, United Kingdom, October 16, 2000.
12. "Cardiogenic Shock: Update on New Treatments and Clinical Trials, Satellite Symposium preceding the 73rd Annual American Heart Association Scientific Sessions, New Orleans, Louisiana, November 11, 2000.
13. "Platelet Management and Beyond in Acute Coronary Syndromes, Satellite Symposium preceding the 73rd Annual American Heart Association Scientific Sessions, New Orleans, Louisiana, November 11, 2000.

2001

1. "New Reperfusion Strategies in AMI," Grand Rounds, University of Michigan Medical Center, Ann Arbor, Michigan, January 9, 2001.
2. "The FASTER Trial: Rational For A New Paradigm Of Myocardial Reperfusion", "Have Current Treatment Strategies Improved Outcome Of Cardiogenic Shock?", Second International Summit on Acute Coronary Care, Cogne, Italy, January 31- February 2, 2001
3. "Management of AMI: New Strategies" 16th Annual Don Chapman Lectureship, Baylor College of Medicine, Houston, Texas, March 8, 2001.
4. "Lytics + IIb/IIIa: GUSTO-V", 14th Annual Myocardial Reperfusion Symposium: Concepts and Controversies, Orlando, Florida, March 17, 2001.
5. "Overcoming Angioplasty Treatment Delays: Facilitated PTCA With Combination Lytics and IIb/IIIa Inhibitors – What May Be Gained, and At What Price?", ACS and AMI Symposium: Pharmacological and Interventional Synergies, Orlando, Florida, March 17, 2001.

6. "How Early Should We Discharge Infarct Patients?", "Facilitated Percutaneous Transluminal Coronary Angioplasty", American College of Cardiology 50th Annual Scientific Sessions, Orlando, Florida, March 19-20, 2001.
7. "Learning the Hard Way: Clinical Trials with GP IIb/IIIa Inhibitors", "Acute Coronary Syndromes", 4th Annual GTACC Partners in Cardiac Care Symposium, Huntsville, Ontario, Canada, June 8-10, 2001.
8. "GP IIb/IIIa inhibitors in Combination with Low-Molecular Weight Heparin", 8th International Symposium on Thromboembolism, Florence, Italy, June 15-16, 2001.
9. "Cell Injury Markers of Myocardial Injury and Heart Failure: Interpretation And Potential", American Association for Clinical Chemistry Annual Meeting, Chicago, Illinois, July 30, 2001.
10. "What Constitutes Optimal Pharmacologic Therapy?" 3rd Annual Interventional Cardiology: Bench to Bedside and Beyond, Anaheim, California, November 11, 2001.
11. "Revascularization for Shock: An Unfulfilled Promise" Special Session XI: The Oculostenotic Reflex: When and How Should We Intervene?, American Heart Association Annual Scientific Sessions, Anaheim, California, November 14, 2001.

2002

1. "Facilitating PCI: Do Devices And Pharmacotherapy Mix?", 5th Annual JANUS V Meeting, Cancun, Mexico, January 26, 2002.
2. "Assessment of Quality of Care Delivery In Acute Coronary Syndrome", Improving Patient Care Via Point-of-Care Biomarkers From Bench to Bedside, Dallas, Texas, February 24, 2002.
3. "Prevention of Reinfarction Using Half-Dose Reteplase and Abciximab: GUSTO 5 Observations", "Rescue PTCA and Reperfusion Greater Than 12 Hours Post MI: Selection of Patients", American College of Cardiology 51st Annual Scientific Sessions, Atlanta, Georgia, March 18, 2002.
4. "Optimal Management of The Acute Patient: Time To Intervention – Is It Critical?" 9th International Symposium on Thromboembolism, Thrombosis Research Institute of London, Seville, Spain, June 8, 2002.
5. "Targeting Improved Adherence to the ACC/AHA Guidelines for the Management of Non-ST-Segment Elevation Acute Coronary Syndromes", XXIV Congress of the European Society of Cardiology, Berlin, Germany, September 4, 2002.

6. "FASTER Trial", 18th International Symposium on Thrombolysis and Interventional Therapy in Acute Myocardial Infarction, George Washington University Medical Center, Chicago, Illinois, November 16, 2002.

2003

1. "Cardiac Markers: A Redefinition of AMI: Implications for Practice", "ACS: Do We/Should We Follow The Guidelines?", "PCI vs. Lysis in AMI", "Ischemic Heart Disease [Panel Discussion Participant]", 8th Annual Cardiology Symposium at Cancun 2003, Cancun, Mexico, March 7, 2003.
2. "Antithrombotic Therapy in Acute Coronary Syndrome: Is It Time To Replace Heparin?", Cardiology Grand Rounds, Emory University Hospital, Atlanta, Georgia, March 14, 2003.
3. "Evidenced-based Practice: Does It Matter? Observations from the CRUSADE Registry", Atherothrombotic Disease: The Art and Science of Long-term Management Symposium [Co-Chair and Speaker], Chicago, Illinois, March 29, 2003.
4. "Acute Myocardial Infarction: Current Approaches" [Session Chair], "Facilitated Percutaneous Coronary Intervention" American College of Cardiology Scientific Sessions, Chicago, Illinois, March 31, 2003.
5. "Defining the Risk", International Workshop on Acute Coronary Syndromes: Redefining Care in the Era of Aggressive Revascularization, University of Parma, Como, Italy, May 22, 2003.
6. "Moving Forward: How Do We Improve Emergency Cardiovascular Care?" (Moderator), Emergency Cardiovascular Care 2003 Conference, Chapel Hill, North Carolina, May 31, 2003.
7. "Management of a New Clinical Entity: NSTEMI – Interventional approach", Update in Thrombolysis 2003: Arteriosclerosis, Thrombosis and Cardiovascular Biology, Freiburg, Germany, June 6, 2003.
8. "Antithrombotic Therapy in Interventional Cardiology" (Session Chair), 19th International Symposium on Thromboembolism, London, England, June 14, 2003.
9. "Setting the State: The Key Controversies in AMI Therapy", "Second Controversy: Primary Intervention With Or Without Pharmacologic 'Facilitation'?" (Panelist), "The Acute, Thrombotic Lesion" (Panelist), "Emergency Cardiopulmonary Support During AMI Reperfusion Therapy" (Panelist), and "Acute MI Cases" (Panelist), 12th Annual Advanced Cardiovascular Interventions Symposium, Hilton Head, South Carolina, June 20, 2003.

10. "Revascularization for Ischemic Cardiomyopathy: What Will STICH Tell Us?:" Heart Failure Management 2003: Established Therapy and New Frontiers, Amelia Island, Florida, July 18, 2003.
11. "Complex Cardiovascular Disease-2003", Cardiology Grand Rounds, Rex Healthcare, Raleigh, North Carolina, July 31, 2003.
12. "Evolution of Cardiac Markers And Their Use To Guide Therapy", Plenary Session Speaker, American Association for Clinical Chemistry Annual Meeting 2003, Philadelphia, Pennsylvania, July 22, 2003.
13. "Using and Monitoring Antithrombotic Therapy in PCI", Thrombosis Management for Better Outcomes in Cardiac Patients, Satellite Symposium at the European Society of Cardiology Meeting, Vienna, Austria, September 1, 2003.
14. "New Age' Considerations for Oral and Systemic Antiplatelet Therapy: The Dominance of Thienopyridines, and Perspectives On Optimal Glycoprotein IIb/IIIa Inhibitor Use", "Anticoagulation in Specific Circumstances: Elective PCI, Unstable Angina, Primary and Rescue PCI, and Renal Insufficiency", "The American Response: Is the US Ahead or Behind the Times, and Future Predictions", "Adjunct Pharmacology (In and Beyond the Cath Lab)", "Review of the 'New' Anticoagulants for ACS (Factor VII, IX , and X Inhibitors: Pentasaccharides, Oral Direct Antithrombins, and More): Profiles and Potential Benefits", 15th Annual TCT Scientific Symposium, Washington, DC, September 16-18, 2003.
15. "Short-term Cardiac Risk Stratification in ST-Elevation Acute Coronary Syndromes", Academy Colloquium, Amsterdam, The Netherlands, October 8, 2003.
16. "The 2002 ACC/AHA guidelines/CRUSADE Quality Improvement Initiative: Cardiologists and Emergency Physicians Working Together", Satellite Symposium to the 2003 American College of Emergency Physicians Annual Meeting, Boston, Massachusetts, October 11, 2003.
17. "Heparin-Induced Thrombocytopenia: Is It an Underdiagnosed Condition?", Satellite Symposium at CHEST 2003, Orlando, Florida, October 27, 2003.
18. "High-risk NSTEMI ACC", "Concordance to the ACC/AHA Guidelines and Patients Outcomes: Insight from CRUSADE", Satellite Symposium to the American Heart Association 2003 Scientific Sessions, Orlando, Florida, November 8, 2003.
19. "Beyond Heart Failure: How NT-proBNP Fits into the Future of Cardiac Care", Satellite Symposium to the American Heart Association 2003 Scientific Sessions, Orlando, Florida, November 9, 2003.
20. "Rapid Laboratory Testing for ACS: Critical for Risk Stratification" American Heart Association 2003 Scientific Sessions, Orlando, Friday November 10 2003.

21. "Care of Non-ST-segment Elevation Patients: Insights from CRUSADE ", Satellite Symposium to the American Heart Association 2003 Scientific Sessions, Orlando, Florida, November 10, 2003.
22. "Quality Improvement Initiatives: What CRUSADE Has Taught Us", Cardiology Grand Rounds, University of California-San Diego, San Diego, California, December 3, 2003.
23. "Quality Improvement Initiatives: What CRUSADE Has Taught Us", Cardiology Grand Rounds, University of Chicago, Chicago, Illinois, December 5, 2003.

2004

1. "CRUSADE Registry", 27th Cardiovascular Meeting in Denmark, Copenhagen, Denmark, January 23, 2004.
2. "Cardiac Markers in 2004", 13th Annual Cardiovascular Conference at Beaver Creek, Beaver Creek, Colorado, February 11, 2004.
3. "Therapy of Non-ST-segment Elevation MI", Halifax Regional Hospital 14th Annual Cardiology Symposium, South Boston, Virginia, March 2, 2004.
4. "Atherothrombosis: Bridging Evolving Science with Clinical Study Results" [Co-Chair], "Optimizing Patient Care: What Have We Learned From Quality Improvement Initiatives?" BMS-Sanofi Symposium preceding the American College of Cardiology Scientific Sessions, New Orleans, Louisiana, March 6, 2004.
5. "The Acute Coronary Syndrome: What Is New?", "Heparin-induced Thrombocytopenia: Assessment and Management [Session Chair]", "Acute Myocardial Infarction: New Frontiers" [Session Chair], "Facilitated Percutaneous Coronary Intervention", "Cardiac Markers In Acute Coronary Syndromes" [Session Co-Chair], American College of Cardiology Scientific Sessions, New Orleans, Louisiana, March 7-8, 2004.
6. "Lessons from US Registries" Satellite Symposium for the European Society of Cardiology Meeting, Munich, Germany, August 31, 2004.
7. "Antithrombotic Regimen for Percutaneous Coronary Intervention: Open Issues" [Session Co-Chair]. European Society of Cardiology Meeting, Munich, Germany, September 1, 2004.

8. “Emerging Role of the Platelet in the Progression and Management of Atherothrombotic Disease” [Chair], and “Measuring Performance: Improving Patient Outcomes Through Guideline Adherence”, Satellite Symposium at the America Heart Association Scientific Sessions, New Orleans, Louisiana, November 7, 2004.
9. “How to Use Natriuretic Peptides Effectively” [Session Moderator], America Heart Association Scientific Sessions, New Orleans, Louisiana, November 8, 2004
10. “What’s New in ACS?” Satellite Symposium at the America Heart Association Scientific Sessions, New Orleans, Louisiana, November 8, 2004.

2005

1. “State-Of-The-Art Therapy Of Acute Myocardial Infarction”, Cardiology Grand Rounds, Sinai Hospital, Baltimore, Maryland, January 27, 2005.
2. “The Invasive Management of CAD”, Area Health Education Centers Program, Wilson, North Carolina, February 5, 2005.
3. “Management of the Patient With Non-STEMI or UA: Standards of Care vs. Reality”, New Horizons in Cardiac Care Symposium, Grand Blanc, Michigan, February 12, 2005.
4. “Evolving Clinical Markers Of Risk In Acute Coronary Syndromes: Fasten Your Seatbelt!”, and “Managing Anticoagulation In Setting Of Dropping Platelet Count: The Dark Side Of Heparin”, 14th Annual Cardiovascular Conference at Beaver Creek, Beaver Creek, Colorado, February 15-16, 2005.
5. “Quality Improvement Initiatives In Non-ST-ACS”, Cardiology Grand Rounds, University of Virginia, Charlottesville, Virginia, February 22, 2005.
6. “High Mortality After Discharge Among Patients with High Risk for Developing Heparin-Induced Thrombocytopenia or Thrombosis: 6-Month Follow-up Results of the Complications after Thrombocytopenia Caused by Heparin (CATCH Registry)”, American College of Cardiology Scientific Meetings, Orlando, Florida, March 7, 2005.
7. “Plaque Instability – From Mechanistic Insights To Tailored Treatment”, “Management Of A Patient With Non-ST-Segment Elevation Acute Coronary Syndromes”, European Society of Cardiology Scientific Sessions, Stockholm, Sweden, September 4-5, 2005.

8. "Cardiogenic Shock", Cardiology Grand Rounds, Newark Beth Israel Medical Center, Newark, New Jersey, October 14, 2005.
9. "Acute Coronary Syndromes: Current Guidelines And Report Card", Transcatheter Cardiovascular Therapeutics (TCT) Conference, Washington, DC, October 17, 2005.
10. "Acute Ischemic Coronary Syndrome – AICS", Brigham & Women's Heart Course, Las Vegas, Nevada, November 4-5, 2005.
11. Optimal Anti-Thrombotic Therapy, "Optimal Reperfusion Strategies For STEMI In Facilities Without PCI", How to Detect, Diagnose, and Treat HIT, American Heart Association Scientific Sessions, November 13-14, 2005, Dallas, Texas
12. "Crusading for Quality Of Care Improvement In ACS: Role Of Guidelines" AHA Satellite Symposium, November 13, 2005, Dallas, Texas.
13. "Optimizing Outcomes in PCI", and "Taking the HIT: Issues in PCI: Strategies for Prevention", AHA Satellite Symposium, November 14, 2005, Dallas, Texas.

2006

1. "Cardiogenic Shock", Cardiology Grand Rounds, St. Joseph's Hospital, Tampa, Florida, January 19, 2006.
2. "Multimarker Panels in ACS: Can They Speed Up the Diagnostic Evaluation?", 15th Annual Cardiology Conference at Beaver Creek, Beaver Creek, Colorado, February 15, 2006
3. "Detection and Risk Stratification of Myocardial Damage: The Troponin Story", National Academy of Sciences Meeting, Washington, DC, March 2, 2006.
4. "Cardiovascular Emergencies 2006", ACC Satellite Symposium, Atlanta, Georgia, March 11, 2006.
5. "Facilitated Percutaneous Coronary Intervention," Meet the Experts Session, "Advanced Coronary Heart Disease: Scope of the Problem in an Aging Population" [Joint Session of the American College of Cardiology and the European Society of Cardiology] American College of Cardiology Scientific Sessions, Atlanta, Georgia, March 11-14, 2006
6. "Burden of Atherothrombotic Diseases and Its Impact on Health Care Practices: Lessons Learned from the REACH and CRUSADE Registries," ACC Satellite Symposium, Atlanta, Georgia, March 13, 2006.
7. "Observations in Antithrombotic Therapy for Patients with ACS: Trials and Registries," ACC Satellite Symposium, Atlanta, Georgia, March 14, 2006.

8. "Approach to the patient with ACS: Conservative vs. invasive strategies, triage, timing issues and more", Interventional Fellows Course, San Jose, California, April 1, 2006.
9. "Cardiogenic Shock", Cardiology Grand Rounds, Mt. Sinai Medical Center, Miami, Florida, April 6, 2006.
10. "Benefits of Antiplatelet Therapy: Evidence in Large Registries", University of Cincinnati CME Program, Philadelphia, Pennsylvania, April 8, 2006.
11. "Cardiogenic Shock", Memorial Mission Medical Center Cardiology Conference, Asheville, North Carolina, April 11, 2006.
12. "Cardiogenic Shock", University of Texas Cardiology Grand Rounds, Houston, Texas, April 13, 2006.
13. "Antiplatelet Therapy in the Real World: Insights from US and Global Registries", Satellite Symposium of the Society of Hospital Medicine Annual Meeting, Washington, DC, May 3, 2006.
14. "2006: Will Multivessel Stenting Compete with CABG?", 4th Annual Cardiology Conference, Daytona Beach, Florida, May 4, 2006.
15. "Management of Non-ST Elevation Acute Coronary Syndromes ", "Treatment of plaque instability", European Society of Cardiology Scientific Sessions, Barcelona, Spain, September 4-5, 2006.
16. "Crusading for Quality of Care Improvements in Acute Coronary Syndrome", 2006 Eric R. Powers Lecturer, University of Virginia, Charlottesville, VA, October 6, 2006.
17. "Examining the Approval Process for IABP as a new PMA Device", Dartmouth Device Symposium, Woodstock, Vermont, October 12, 2006.
18. "Quality of Health Care Delivery: What Have We Learned from CRUSADE", Johns Hopkins Cardiology Update 2006, Captiva Island, Florida, October 13, 2006.
19. "Cardiovascular and Neurovascular Emergencies – a Panel Discussion", EMCREG International Symposium, New Orleans, Louisiana, October 17, 2006.
20. "Success of Identification and Treatment of HIT", "Outcomes in Elderly Patients Treated with Bivalirudin Monotherapy vs. Glycoprotein IIb/IIIa Inhibitors with Heparin or LMWH: Results from the Randomized ACUTY Trial", American Heart Association Scientific Sessions, Chicago, Illinois, November 13-15, 2006.

2007

1. "Management of Cardiogenic Shock in Patients with Acute Coronary Syndrome", "Clinical Significance of Biomarkers in Non ACS Patients – Pulmonary Embolism, Heart Failure, Pericarditis, etc.", "Biomarkers – Diagnostic and Prognostic Indications for Acute Coronary Syndrome", and "Acute Coronary Syndrome", Midwinter Cardiovascular Conference 2007, Snowshoe, West Virginia, February 5, 2007.

2. "Best Management of Stable Angina in the Elderly", Annual Cardiology Conference at Beaver Creek, Beaver Creek, Colorado, February 12, 2007
3. "Advanced CAD in the Current Health Care Environment", Medical Affairs Grand Rounds, CV Therapeutics, Palo Alto, California, March 2, 2007.
4. "Multivessel Revascularization in Acute Myocardial Infarction", "Advanced Coronary Artery Disease: Scope of the Problem", "Managing Heparin-induced thrombocytopenia in Patients with Coronary Disease", and "Preprocedure N-Acetylcysteine", American College of Cardiology Scientific Sessions, New Orleans, Louisiana, March 26-27, 2007.
5. "Case-by-Case Analysis of Why, When, and How To Manage Patients with Acute Coronary Syndromes", ACC Satellite Symposium, New Orleans, Louisiana, March 27, 2007.
6. "Changes in Cardiovascular Care: What Have We Learned from Quality Improvement Initiatives?", Cardiac Catheterization Conference, Medical College of Virginia, Richmond, Virginia, April 5, 2007.
7. "The CRUSADE Acute Coronary Syndrome Registry", EPIC Lunch and Learn Program, Emory University, Atlanta, Georgia, April 28, 2007.
8. "Acute Coronary Syndrome: Post –PCI Management Strategies for Improved Patient Outcomes", SCA&I Satellite Symposium, Atlanta, Georgia, May 10, 2007.
9. "Antithrombin Therapy in PCI: Recommendations for Clinical Practice", SCA&I Scientific Sessions, Atlanta, Georgia, May 11, 2007.
10. "CRUSADE: Acute Coronary Syndromes, Risk Assessment and Treatment Strategies", Pitt Memorial Hospital, Greenville, North Carolina, May 24, 2007.
11. "Updates in ACS: Risk Assessment and Treatment Strategies", Wake Medical Center, Raleigh, North Carolina, May 24, 2007.
12. "Acute Coronary Syndrome: Late Coronary Complications", Vulcan Interventional Cardiovascular Society Meeting, Birmingham, Alabama, May 29, 2007.
13. "Cardiogenic Shock 2007: An Update", Cardiology Grand Rounds, and "IABP: A Clinical Update", Medical Grand Rounds, University of Alabama, Birmingham, Alabama, May 30, 2007.
14. "Update on Acute Coronary Syndrome 2007", 1st Annual Duke/Indian River Medical Center Cardiovascular Symposium, Vero Beach, Florida, July 14, 2007.
15. "Current and Emerging Strategies for Reducing Cardiometabolic Risk", Cardiovascular Conference, Good Samaritan Medical Center, West Palm Beach, Florida, September 27, 2007.
16. "Continuing the Search for Optimal Antiplatelet Use & Therapy in Non-ST Elevation ACS", Canadian Cardiovascular Conference Satellite Symposium, Quebec City, Quebec, October 21, 2007.

17. "Bridging the Gap Between Cardiology and Surgery: What Makes Sense for Our Patients?", TCT 2007 Satellite Symposium, Washington, DC, October 21, 2007.
18. "Evidence-Based Medicine Therapies in Acute Coronary Syndromes: From Principles to Practice", TCT 2007 Scientific Sessions, Washington, DC, October 23, 2007.
19. "Registries, Meta-analyses, and Clinical Trials: Challenges, Opportunities, and Impact on Clinical Practice", 4th Annual Global Cardiovascular Summit, Orlando, Florida, November 2, 2007.
20. "Critical Challenges In Cardiovascular Medicine: Acute Coronary Syndromes-Getting In The Stream Of Things" [Chair], AHA Satellite Symposium, Orlando, Florida, November 5, 2007.
21. "Management of Angina – Drugs, Devices or Both", Georgia Chapter of the ACC Annual Meeting, Atlanta, Georgia, November 17, 2007.
22. "Cardiogenic Shock", Duke ICC Lecture Series, Durham, North Carolina, December 18, 2007.

2008

1. "LV Support Devices: IABP, CPS", Duke ICC Lecture Series, Durham, North Carolina, January 22, 2008.
2. "Cardiogenic Shock", Johns Hopkins Fellows Conference, Baltimore, Maryland, January 24, 2008.
3. "Management of Angina - Drugs, Devices or Both?", "Dosing and Timing of Antiplatelet Therapies in ACS", "NSTEMI Case Presentation[Moderator]", "Nightmare Cases" [Panelist], Annual Cardiology Conference at Beaver Creek, Beaver Creek, Colorado, February 12-13, 2008.
4. "Acute Coronary Syndromes" Session [Co-Chair], "New Treatment Strategies for Acute ST-Elevation Myocardial Infarction" [Co-Chair], "Late Breaking Clinical Trials II" [Commentator – SCAI/ACCi2 Joint Session], "Standard Therapy Has Failed and Revascularization is Not an Option: What Do I Do Now?", American College of Cardiology Scientific Sessions, Chicago, Illinois, March 29-31, 2008.
5. "Approach to the Patient with ACS: Conservative vs. Invasive Strategies, Evidence-Based Medicine Guidelines vs. Performance", Interventional Fellows Course, San Jose, California, April 5, 2008.
6. "Chronic Angina: Drugs, Devices, or Both?" Grand Rounds, Southeast Area Health Education Center, Wilmington, North Carolina, April 10, 2008.
7. "Cardiogenic Shock", Duke University Annual Spring Cardiovascular Symposium, Durham, North Carolina, April 18, 2008.

8. "Management of Non-STEMI", and "The Impact of HIT in Interventional Cardiology", Emory Practical Intervention Course (EPIC) 2008. Emory University, Atlanta, Georgia, April 26, 2008.
9. "Angina: Drugs, Devices, or Both?" Visiting Professor, Mount Sinai Medical Center, New York, New York, May 12, 2008.
10. "Management of Patients with Refractory Angina", Cardiology Grand Rounds, George Washington University, Washington, DC, June 11, 2008.
11. "Success of identification and treatment of HIT", Outcomes in Elderly Patients Treated with Bivalirudin Monotherapy Vs. Glycoprotein IIb/IIIa Inhibitors with Heparin or LMWH: Results from the Randomized ACUTY Trial, American Heart Association Scientific Sessions, New Orleans, Louisiana, November 13 & 15, 2008.

2009

1. "Biomarkers in ACS, CHF, Valvular Disease", and "Management of Shock Post MI". Cardiovascular Conference at Snowshoe, Snowshoe, West Virginia, February 2, 2009.
2. "The Epidemic of Medically Managed NSTEMI". Annual Cardiovascular Conference at Beaver Creek, Beaver Creek, Colorado, February 9, 2009.
3. "Direct Thrombin Inhibitors". Cardiology Update Course, Davos, Switzerland, February 18, 2009.
4. "Balancing Ischemia and Bleeding Complications", American College of Cardiology Scientific Sessions, Orlando, Florida, March 29, 2009.
5. "Optimal Treatment of SVG's: Pharmacological Adjuncts and Mechanical Strategies". Concepts in Contemporary Cardiovascular Medicine 2009, Texas Heart Center, Houston, Texas, April 16, 2009.
6. "Managing the STEMI with Shock". Emory Practical Intervention Course (EPIC) 2009, Emory University, Atlanta, Georgia, April 25, 2009.
7. "Optimal Upstream Anti-Thrombin Therapy", Optimal Upstream Anti-Thrombin Therapy [Session Moderator], "Antiplatelet Therapy: Issues and Concerns" SCAI Scientific Sessions, Las Vegas, Nevada, May 7 & 8, 2009.
8. The 2007 ACC/AHA and 2008 ESC Guidelines for STEMI: Harmony or Discord?", "The Other MI: Timing of catheterization for optimal management of NSTEMI", "Prevalence, predictors and impact of conservative medical management patients with NSTEMI-ACS", 2009 ACS Master Class, Leuven, Belgium, June 12 & 13, 2009.

9. "Update on New Antiplatelet Agents [Discussant]; "Personalized Clinical Decision-Making Case Study: The Ischemia vs. Bleeding Controversy" [Moderator]; "Gladiators in AMI Therapy: Grappling With the Tough Issues" [Moderator]; "Should All Patients Undergoing Primary PCI Receive Bivalirudin? What About GPIIb/IIIa Inhibitors?", Clopidogrel or Prasugrel in STEMI?" [Discussant]; "Life Saving Therapies for the Hemodynamically Compromised Acute AMI & High-Risk PCI Patient: A Current Review" [Moderator]; "Unstable Angina and Non-STEMI Guidelines" [Discussant]; "AMI Therapies and Surrogate Endpoints: Infarct Size vs. Clinical Endpoints, Safety Endpoints, and Adjunctive Pharmacology" [Discussant]; "Major Bleeding, Minor Bleeding, Access-Site and Non-Access-Site Related, Transfusions", "Thrombocytopenia in ACS and PCI: What Really Matters?" Choice of Anticoagulation During Primary PCI in STEMI [Discussant], Invasive vs. Conservative Strategies [Moderator]; "Primary Medical Management of the Patient with ACS: Patient Selection and TRILOGY Rationale" [Speaker]. TCT Scientific Sessions, San Francisco, California, September 23 & 24, 2009.
10. "Novel Percutaneous Cardiovascular Support Devices " [Speaker]; "Left Ventricular Support Devices : A Case Review" [Speaker]. Great Wall International Congress of Cardiology, Beijing, China, October 9 & 10, 2009.
11. "Novel Circulatory Support Devices". Cardiology Grand Rounds, Duke University Medical Center, Durham, North Carolina, October 26, 2009.
12. "LV Support Devices: IABP, CPS" ICC Lecture Series, Duke University Medical Center, Durham, North Carolina, November 10, 2009.
13. "PCI for Cardiogenic Shock in the Young and the Elderly: Estimating the Risk and Benefit from Trials and Registries", PCI for STEMI: Technology, Systems and Outcomes [Moderator], American Heart Association Scientific Sessions, Orlando, Florida, November 15 & 17, 2009.
14. "Cardiogenic Shock/Vasoactive Drugs", ICC Lecture Series, Duke University Medical Center, November 24, 2009.
15. "Overcoming Barriers to HIT Identification and Management in the Hospital Setting: Practical Tips and Tools", Cardiology Grand Rounds, Beth Israel Medical Center, Newark, New Jersey, December 8, 2009.
16. "New Percutaneous LV Support Systems", Cardiology Section Meeting, Moses Cone Hospital, Greensboro, North Carolina, December 16, 2009.

2010

1. "Bleeding and Ischemia in PCI Among Patients with ACS: How Can We Balance These Competing Issues?", "New Support Devices for Cardiogenic Shock". Annual Cardiovascular Conference at Beaver Creek, Beaver Creek, Colorado, February 8, 10, 2010.
2. "Primary PCI in STEMI" [Co-Chair], "Novel Biomarkers and New Applications of Existing Tools with Practical Implication" [Co-Chair], "Stable Ischemic Syndrome – Interventional Strategies" [Discussant], American College of Cardiology Scientific Sessions, Atlanta, Georgia, March 14, 15, 2010.
3. "ACS Managed Medically: Does It Exist and Do We Care?" Cardiology Grand Rounds (Visiting Professor), Case Western University, Cleveland, Ohio, April 15, 2010.
4. "Tailoring Adjunctive Pharmacotherapy in STEMI", Emory Practical Intervention Course (EPIC) 2010, Emory University, Atlanta, Georgia, April 24, 2010.
5. "Anticoagulant Therapy for STEMI - Which Agent?", Duke ACS Forum, Washington, DC, April 29, 2010.
6. "Great Debates in Interventional Cardiology" [Moderator]; "Percutaneous Circulatory Support Devices in Cardiogenic Shock" [Moderator] and "Clinical Applications of Percutaneous LVAD in Decompensated Heart Failure and Shock" [Speaker]. American Heart Association Scientific Sessions, Chicago, Illinois, November 14 & 16, 2010.

2011

1. "Issues in Management of Patients with Advanced Coronary Disease Not Suitable for Revascularization" [Moderator]; "Interventional Trial Update: Recent Trial Results You Should Know About" [Speaker]; "Thienopyridine Issues: Drug Interactions: When Can They Be Stopped After PCI? Will They be Replaced by Ticagrelor, etc: Issues in Management of Patients with Advanced Coronary Disease Not Suitable for Revascularization" [Moderator]. Snowshoe Cardiovascular Conference, Snowshoe, West Virginia, January 28-29, 2011.
2. "Innovations and Roadblocks in Cardiovascular Medicine: FDA Device Panel Update" [Panel Discussant]; "Management of Patients Ineligible for Revascularization" [Speaker]; "Point-counterpoint: DES for all STEMI Patients" [Speaker]. Beaver Creek Cardiovascular Conference 2011, Beaver Creek, Colorado, February 14 & 16, 2011.

3. "Stratifying Risk in Acute Coronary Syndrome: Considerations in Managing the Post-PCI Patient" [Speaker]. ACS Grand Rounds, Queens Hospital, Jamaica, New York, February 23, 2011.
4. "Inducing Hypothermia in Cardiogenic Shock" [Speaker]. Therapeutic Hypothermia and Temperature Management: Present and Future Conference, University of Miami, Miami, Florida, February 25, 2011.
5. "STEMI: 'Bottom Line' Recommendations for State-of-the-Art Care" [Co-Chair]; "PPIs, Platelets, and Outcomes: A Data Drilldown" [Moderator]; "Interventional Pharmacology" [Panel Discussant]; "State-of-the-Art STEMI Care" [Co-Chair]. American College of Cardiology Scientific Sessions, New Orleans, Louisiana, April 2-4, 2011.
6. "Statement 1: Optimize Pharmacology" [Speaker]. Optimizing PCI Outcomes: How to Prevent Stent Thrombosis (First and Second Occurrences) - ACC/CRF Satellite Symposium, New Orleans, Louisiana, April 2, 2011.
7. "Guideline-Based Therapy Strategies for Patients with ACS" [Speaker & Panel Discussant]; ACC Satellite Symposium - ACS: Options for Primary & Secondary Prevention, New Orleans, Louisiana, April 2, 2011.
8. "Adjunctive Pharmacotherapy in ACS" [Speaker]. Emory Practical Intervention Course (EPIC) 2011, Atlanta, Georgia, April 30, 2011.
9. "Combining Registry Feedback with Quality of Care (Part of the Keeping PACE initiative)" [Speaker]; "Reperfusion in Non-PCI Centers" – Pharmacoinvasive versus Transfer All versus Hybrid" [Speaker]. Emergency Cardiovascular Care 2011, Chicago, Illinois, May 21, 2011.